



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

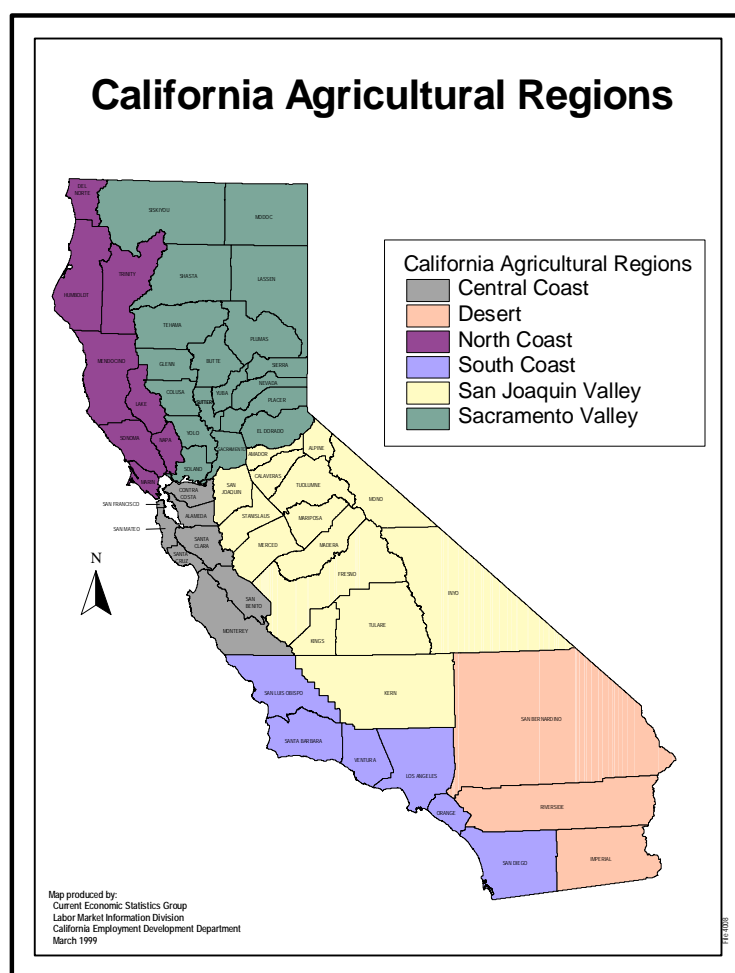
October 2002
(Internet Version)

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Agricultural Overview

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

Total California agricultural employment for October 2002 decreased by 70,800 jobs over the previous month, a loss of 16 percent. Total Agricultural Production from September 2002 to October 2002 decreased by 30,500 jobs, a loss of 12 percent. Agricultural Services decreased by 40,300 jobs, a loss of 19 percent. Agricultural Employment tends to show a decrease from September to October. The change in Agricultural Employment from September 2001 to October 2001 was a decrease of 46,200 jobs.

The largest decrease for the month was seen in Farm Labor Contractors with a decline of 36,400 jobs. A significant decrease of jobs was also registered in Grape Crops with a decline of 19,900 jobs. Increases of 1,900 were seen in Tree Nut crops and 1,800 in Cotton Crops. Total agricultural employment decrease in all regions with the San Joaquin Valley and North Coast regions each showing declines of 20 percent, followed by a decline of 15 percent in the Desert Region, 10 percent in the Central Coast Region, eight percent in the Sacramento Valley Region, and only two percent in the South Coast Region.

Production and Crop Activity

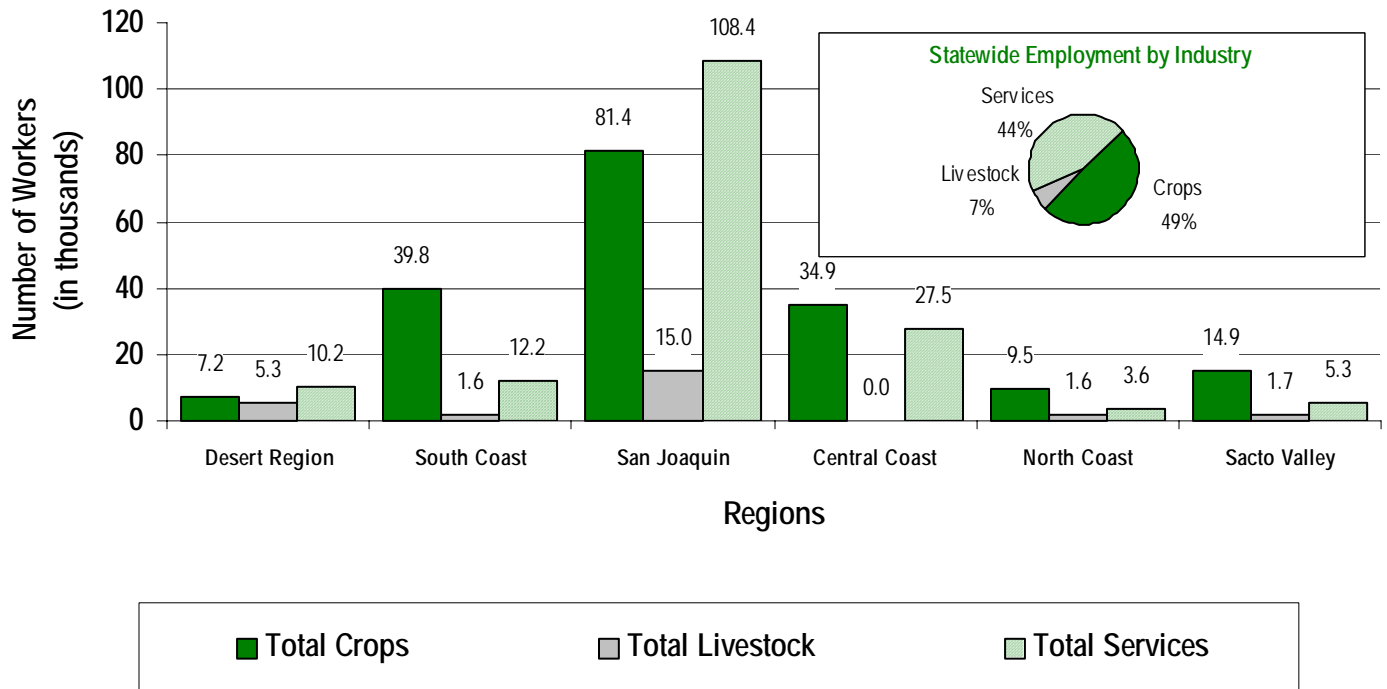
Cotton harvesting continued at an increased pace. Defoliation was completed in most locations. Many harvested cotton fields were shredded and disced. Alfalfa hay was cut, windrowed, baled and stacked. New fields of winter forage and alfalfa hay were planted. Cultivation and pre-irrigation in preparation for fall planting of winter grains were ongoing in many areas. Planting of winter wheat and oats began. Harvesting of silage and grain corn continued. Harvested cornfields were disced. The dry bean and rice harvests continued. Sugar beets were harvested in some areas. Summer vegetable harvesting was nearing completion. The honeydew harvesting was complete, but other melons continued to be harvested. Fall lettuce harvest season commenced in Huron district. The broccoli harvest continued. Broccoli and cauliflower fields were sprayed for mites and worms. Spinach fields were also sprayed for worms. The following vegetables were also harvested: cabbage, carrots, cauliflower, daikon, eggplant, freezer lima beans, squash, garlic, okra, parsley, pumpkins, and spinach.

Stone fruit harvesting neared completion. Pruning began in many orchards. This season's raisin grape harvest moved closer to completion. Table grape harvesting continued slowly. Wine and juice grape harvesting continued. Strawberries were harvested in the Central Coast. Kiwifruit harvesting continued in southern areas and got underway in the north. Harvesting of Valencia oranges wound down. Lemon harvesting continued. The harvesting of pummelos commenced. Weed control and whitewash applications were underway in citrus orchards. Olives were harvested. Walnuts, almonds, and pistachios were harvested, windrowed, and hauled to processors.

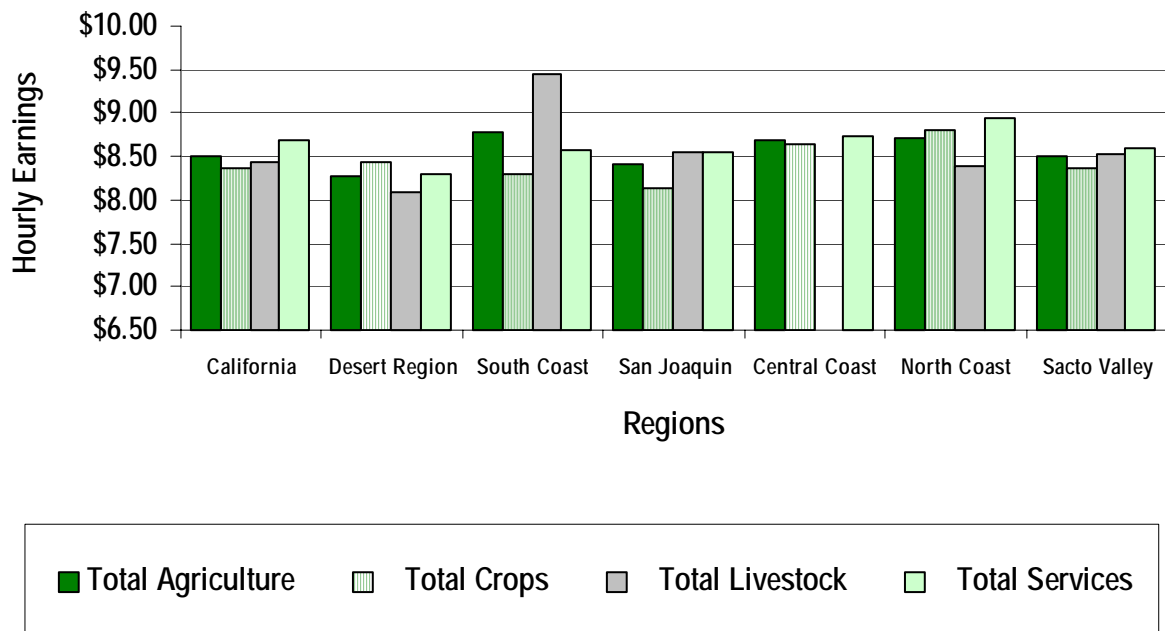
In Northern California, beef cattle were given supplemental feed. Most beehives had been removed from fields in the central area for overwintering.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	380.1	450.9	382.0
Total Agricultural Production/Crops	187.7	217.8	189.8
Cash Grains	1.4	3.1	1.7
Rice	0.8	1.4	1.0
Other Cash Grains	0.6	1.7	0.7
Field Crops Except Grains	12.0	9.6	10.8
Cotton	5.9	4.1	5.8
Other Field Crops	6.1	5.5	5.0
Vegetables and Melons	31.7	36.2	32.5
Total Fruits and Tree Nuts	83.4	106.4	83.8
Berries	14.1	15.8	15.0
Grapes	37.3	57.2	36.7
Tree Nuts	9.7	7.8	9.9
Citrus Fruits	3.7	3.2	3.6
Deciduous Tree Fruit	11.3	14.0	10.5
Other Fruits & Nuts	7.3	8.4	8.1
Total Horticultural Specialties	36.0	35.6	38.7
Ornamental Floral & Nursery	32.8	32.9	35.0
Food Crops Grown Under Cover	3.2	2.7	3.7
General Farm Primarily Crop	23.2	26.9	22.3
Agricultural Production/Livestock	25.2	25.6	29.7
Beef Cattle Feed Lots	0.7	0.3	1.1
Beef Cattle Except Feed Lots	2.8	3.1	3.6
Dairy Farms	15.7	14.7	17.3
Chicken Eggs	1.7	1.9	2.1
Turkey & Turkey Eggs	0.7	1.0	1.0
Other Livestock	3.6	4.6	4.6
Total Agricultural Services	167.2	207.5	162.5
Soil Preparation Services	2.4	2.2	1.9
Crop Services	46.2	51.1	46.5
Plant Cultivate & Protection	3.7	4.1	5.5
Harvest Primarily by Machine	5.6	6.2	6.1
Preparation Services for Market	35.7	40.0	33.1
Cotton Ginning	1.2	0.8	1.8
Total Farm Labor & Management	118.6	154.2	114.1
Farm Labor Contractors	108.2	144.6	104.2
Farm Management Services	10.4	9.6	9.9

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.49	8.43	8.26
Total Agricultural Production/Crops	8.36	8.38	8.17
Cash Grains	8.39	8.43	8.30
Rice	8.51	8.49	8.40
Other Cash Grains	8.27	8.37	8.21
Field Crops Except Grains	8.12	8.19	8.18
Cotton	8.12	8.13	8.16
Other Field Crops	8.13	8.26	8.20
Vegetables and Melons	8.60	8.61	8.21
Total Fruits and Tree Nuts	8.35	8.38	7.97
Berries	8.19	8.67	7.67
Grapes	8.35	8.43	8.05
Tree Nuts	8.42	8.25	7.94
Citrus Fruits	8.38	8.31	8.07
Deciduous Tree Fruit	8.30	8.24	7.73
Other Fruits & Nuts	8.48	8.41	8.36
Total Horticultural Specialties	8.44	8.29	8.19
Ornamental Floral & Nursery	8.56	8.42	8.30
Food Crops Grown Under Cover	8.31	8.16	8.08
General Farm Primarily Crop	8.28	8.41	8.19
Agricultural Production/Livestock	8.43	8.26	8.06
Beef Cattle Feed Lots	8.09	7.91	8.15
Beef Cattle Except Feed Lots	8.87	8.53	8.18
Dairy Farms	8.78	8.63	8.59
Chicken Eggs	8.14	7.98	7.32
Turkey & Turkey Eggs	8.20	8.20	7.97
Other Livestock	8.48	8.30	8.16
Total Agricultural Services	8.69	8.63	8.54
Soil Preparation Services	8.71	8.66	8.65
Crop Services	8.90	8.82	8.69
Plant Cultivate & Protection	8.66	8.63	8.53
Harvest Primarily by Machine	8.72	8.73	8.70
Preparation Services for Market	8.31	8.33	8.13
Cotton Ginning	9.91	9.59	9.42
Total Farm Labor & Management	8.45	8.43	8.27
Farm Labor Contractors	8.22	8.24	8.06
Farm Management Services	8.68	8.61	8.49

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	62.4	69.4	69.3
Total Agricultural Production/Crops	34.9	41.2	40.3
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.2	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.2	0.2
Vegetables and Melons	14.1	16.9	17.7
Total Fruits and Tree Nuts	9.4	12.0	10.6
Berries	8.3	10.7	8.6
Grapes	1.1	1.0	0.9
Tree Nuts	0.0	0.0	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.0	0.0	0.7
Other Fruits & Nuts	0.0	0.3	0.2
Total Horticultural Specialties	9.3	9.3	9.5
Ornamental Floral & Nursery	7.1	7.1	7.2
Food Crops Grown Under Cover	2.2	2.2	2.3
General Farm Primarily Crop	2.1	2.8	2.3
Agricultural Production/Livestock	0.0	0.4	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.1	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.0	0.3	0.4
Total Agricultural Services	27.5	27.8	28.0
Soil Preparation Services	0.6	0.4	0.6
Crop Services	11.5	10.7	11.2
Plant Cultivate & Protection	0.0	0.3	0.5
Harvest Primarily by Machine	2.2	2.9	2.3
Preparation Services for Market	9.3	7.5	8.4
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	15.4	16.7	16.2
Farm Labor Contractors	14.0	15.1	15.2
Farm Management Services	1.4	1.6	1.0

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.69	8.54	8.30
Total Agricultural Production/Crops	8.65	8.78	8.40
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	8.53	8.42
Cotton	na	na	na
Other Field Crops	na	8.53	8.42
Vegetables and Melons	9.02	9.33	8.46
Total Fruits and Tree Nuts	8.62	8.78	8.28
Berries	8.94	9.64	8.11
Grapes	8.30	8.31	8.07
Tree Nuts	na	na	8.52
Citrus Fruits	na	na	na
Deciduous Tree Fruit	na	na	8.17
Other Fruits & Nuts	na	8.39	8.53
Total Horticultural Specialties	8.53	8.47	8.46
Ornamental Floral & Nursery	8.55	8.53	8.52
Food Crops Grown Under Cover	8.51	8.40	8.39
General Farm Primarily Crop	8.41	8.80	8.38
Agricultural Production/Livestock	na	8.23	7.95
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.25
Dairy Farms	na	8.87	8.38
Chicken Eggs	na	na	7.33
Turkey & Turkey Eggs	na	na	7.97
Other Livestock	na	7.59	7.82
Total Agricultural Services	8.74	8.61	8.55
Soil Preparation Services	8.87	8.61	8.88
Crop Services	8.81	8.68	8.53
Plant Cultivate & Protection	na	8.50	8.24
Harvest Primarily by Machine	9.15	9.08	9.10
Preparation Services for Market	8.46	8.47	8.24
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.55	8.53	8.24
Farm Labor Contractors	8.30	8.31	7.76
Farm Management Services	8.80	8.75	8.72

na = not available

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	22.7	26.8	26.7
Total Agricultural Production/Crops	7.2	9.5	10.6
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	2.3	2.0	1.4
Cotton	0.0	0.1	0.1
Other Field Crops	2.3	1.9	1.3
Vegetables and Melons	1.3	1.9	2.0
Total Fruits and Tree Nuts	1.0	2.1	3.4
Berries	0.0	0.0	0.1
Grapes	0.8	0.8	1.0
Tree Nuts	0.2	0.2	0.4
Citrus Fruits	0.0	0.2	0.6
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.0	0.9	1.2
Total Horticultural Specialties	1.5	2.2	1.7
Ornamental Floral & Nursery	1.5	2.2	1.6
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	1.1	1.3	2.0
Agricultural Production/Livestock	5.3	5.6	5.7
Beef Cattle Feed Lots	0.3	0.2	0.3
Beef Cattle Except Feed Lots	0.4	0.5	0.6
Dairy Farms	2.9	2.5	3.2
Chicken Eggs	1.1	1.5	1.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.6	0.9	0.6
Total Agricultural Services	10.2	11.7	10.4
Soil Preparation Services	0.0	0.0	0.2
Crop Services	2.7	3.8	3.5
Plant Cultivate & Protection	0.4	0.5	0.4
Harvest Primarily by Machine	0.0	1.0	0.8
Preparation Services for Market	2.3	2.2	2.1
Cotton Ginning	0.0	0.1	0.2
Total Farm Labor & Management	7.5	7.9	6.7
Farm Labor Contractors	7.0	7.2	6.0
Farm Management Services	0.5	0.7	0.7

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.28	8.30	8.18
Total Agricultural Production/Crops	8.44	8.32	8.11
Cash Grains	na	na	8.09
Rice	na	na	na
Other Cash Grains	na	na	8.09
Field Crops Except Grains	8.90	8.71	8.63
Cotton	na	8.65	8.64
Other Field Crops	8.90	8.76	8.62
Vegetables and Melons	8.52	8.13	8.06
Total Fruits and Tree Nuts	8.23	8.28	7.73
Berries	na	na	7.73
Grapes	8.57	8.87	7.51
Tree Nuts	7.89	7.59	7.33
Citrus Fruits	na	8.07	8.11
Deciduous Tree Fruit	na	na	7.26
Other Fruits & Nuts	na	8.58	8.45
Total Horticultural Specialties	8.41	8.36	7.93
Ornamental Floral & Nursery	8.41	8.36	7.87
Food Crops Grown Under Cover	na	na	7.98
General Farm Primarily Crop	8.15	8.15	8.21
Agricultural Production/Livestock	8.09	8.03	7.89
Beef Cattle Feed Lots	7.92	7.68	8.17
Beef Cattle Except Feed Lots	8.35	8.25	7.84
Dairy Farms	8.48	8.47	8.66
Chicken Eggs	7.59	7.59	7.06
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.12	8.15	7.71
Total Agricultural Services	8.30	8.53	8.55
Soil Preparation Services	na	na	8.64
Crop Services	8.28	8.70	8.67
Plant Cultivate & Protection	8.52	8.50	8.40
Harvest Primarily by Machine	na	9.00	9.03
Preparation Services for Market	8.03	8.05	8.00
Cotton Ginning	na	9.25	9.26
Total Farm Labor & Management	8.32	8.37	8.33
Farm Labor Contractors	8.20	8.28	8.29
Farm Management Services	8.44	8.45	8.36

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	14.7	18.5	19.7
Total Agricultural Production/Crops	9.5	14.1	13.3
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	0.1	0.4	0.3
Total Fruits and Tree Nuts	7.4	11.8	10.9
Berries	0.0	0.0	0.0
Grapes	6.6	10.7	10.0
Tree Nuts	0.0	0.1	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.8	0.8	0.7
Other Fruits & Nuts	0.0	0.2	0.1
Total Horticultural Specialties	2.0	1.5	1.7
Ornamental Floral & Nursery	2.0	1.5	1.5
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.0	0.4	0.3
Agricultural Production/Livestock	1.6	1.0	2.0
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.0	0.2
Dairy Farms	1.0	0.6	1.0
Chicken Eggs	0.2	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.2
Other Livestock	0.2	0.4	0.4
Total Agricultural Services	3.6	3.4	4.4
Soil Preparation Services	0.3	0.1	0.1
Crop Services	0.1	0.0	0.4
Plant Cultivate & Protection	0.0	0.0	0.2
Harvest Primarily by Machine	0.1	0.0	0.0
Preparation Services for Market	0.0	0.0	0.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.2	3.3	3.9
Farm Labor Contractors	1.0	1.0	1.2
Farm Management Services	2.2	2.3	2.7

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.71	8.70	8.33
Total Agricultural Production/Crops	8.81	8.61	8.38
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.10
Cotton	na	na	na
Other Field Crops	na	na	8.10
Vegetables and Melons	8.70	8.62	8.68
Total Fruits and Tree Nuts	8.64	8.61	8.51
Berries	na	na	na
Grapes	8.57	8.55	8.53
Tree Nuts	na	8.49	8.32
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.71	8.71	8.50
Other Fruits & Nuts	na	8.70	8.67
Total Horticultural Specialties	9.09	8.75	8.36
Ornamental Floral & Nursery	9.09	8.75	8.59
Food Crops Grown Under Cover	na	na	8.12
General Farm Primarily Crop	na	8.45	8.28
Agricultural Production/Livestock	8.38	8.55	8.08
Beef Cattle Feed Lots	na	na	8.17
Beef Cattle Except Feed Lots	7.79	na	8.01
Dairy Farms	8.53	8.58	8.30
Chicken Eggs	8.50	na	7.33
Turkey & Turkey Eggs	na	na	7.97
Other Livestock	8.69	8.51	8.71
Total Agricultural Services	8.95	8.95	8.54
Soil Preparation Services	8.60	8.62	8.70
Crop Services	8.73	na	8.33
Plant Cultivate & Protection	na	na	8.53
Harvest Primarily by Machine	8.73	na	na
Preparation Services for Market	na	na	8.13
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.78	8.78	8.58
Farm Labor Contractors	8.63	8.62	8.35
Farm Management Services	8.92	8.93	8.81

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	53.6	55.0	54.2
Total Agricultural Production/Crops	39.8	36.7	39.3
Cash Grains	0.0	0.4	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.4	0.1
Field Crops Except Grains	0.2	0.2	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	0.2	0.2	0.2
Vegetables and Melons	8.4	7.0	6.0
Total Fruits and Tree Nuts	10.6	9.6	11.1
Berries	5.6	5.0	6.1
Grapes	2.4	1.0	2.1
Tree Nuts	0.0	0.2	0.1
Citrus Fruits	1.5	1.3	1.3
Deciduous Tree Fruit	0.1	0.5	0.1
Other Fruits & Nuts	1.0	1.6	1.4
Total Horticultural Specialties	16.9	16.6	18.5
Ornamental Floral & Nursery	16.1	16.3	17.7
Food Crops Grown Under Cover	0.8	0.3	0.8
General Farm Primarily Crop	3.7	2.9	3.4
Agricultural Production/Livestock	1.6	2.0	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.3	0.3
Dairy Farms	0.0	0.2	0.1
Chicken Eggs	0.4	0.4	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.0	1.1	1.0
Total Agricultural Services	12.2	16.3	13.0
Soil Preparation Services	0.2	0.2	0.2
Crop Services	2.3	1.6	2.5
Plant Cultivate & Protection	0.5	0.6	0.4
Harvest Primarily by Machine	0.0	0.0	0.2
Preparation Services for Market	1.8	1.0	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	9.7	14.5	10.3
Farm Labor Contractors	8.2	13.3	8.9
Farm Management Services	1.5	1.2	1.4

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.77	8.52	8.27
Total Agricultural Production/Crops	8.29	8.47	8.16
Cash Grains	na	8.75	8.55
Rice	na	na	na
Other Cash Grains	na	8.75	8.55
Field Crops Except Grains	7.81	8.35	8.21
Cotton	na	na	na
Other Field Crops	7.81	8.35	8.21
Vegetables and Melons	8.53	8.60	7.90
Total Fruits and Tree Nuts	8.34	8.31	7.86
Berries	7.82	7.90	7.19
Grapes	8.50	8.64	8.21
Tree Nuts	na	8.20	7.59
Citrus Fruits	8.47	8.46	8.46
Deciduous Tree Fruit	8.21	8.18	7.25
Other Fruits & Nuts	8.69	8.46	8.46
Total Horticultural Specialties	8.49	8.31	8.21
Ornamental Floral & Nursery	8.59	8.31	8.47
Food Crops Grown Under Cover	8.38	8.31	7.95
General Farm Primarily Crop	8.30	8.50	8.21
Agricultural Production/Livestock	9.45	8.55	8.15
Beef Cattle Feed Lots	na	na	8.00
Beef Cattle Except Feed Lots	11.46	8.95	8.67
Dairy Farms	na	8.33	8.63
Chicken Eggs	8.34	8.37	7.29
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.55	8.54	8.17
Total Agricultural Services	8.57	8.55	8.49
Soil Preparation Services	8.77	8.77	8.54
Crop Services	8.59	8.57	8.58
Plant Cultivate & Protection	8.85	8.88	8.80
Harvest Primarily by Machine	na	na	8.70
Preparation Services for Market	8.33	8.25	8.23
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.35	8.30	8.35
Farm Labor Contractors	8.10	8.05	8.13
Farm Management Services	8.60	8.55	8.57

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	204.8	257.5	191.8
Total Agricultural Production/Crops	81.4	99.1	73.2
Cash Grains	0.0	0.4	0.4
Rice	0.0	0.1	0.1
Other Cash Grains	0.0	0.3	0.3
Field Crops Except Grains	9.2	6.9	8.5
Cotton	5.9	4.0	5.7
Other Field Crops	3.3	2.9	2.8
Vegetables and Melons	5.9	7.4	5.9
Total Fruits and Tree Nuts	48.0	63.7	41.4
Berries	0.1	0.0	0.1
Grapes	25.3	42.4	21.7
Tree Nuts	7.5	5.0	6.9
Citrus Fruits	2.2	1.7	1.7
Deciduous Tree Fruit	7.7	9.8	6.7
Other Fruits & Nuts	5.2	4.8	4.3
Total Horticultural Specialties	4.0	3.9	4.4
Ornamental Floral & Nursery	3.8	3.7	4.2
Food Crops Grown Under Cover	0.2	0.2	0.2
General Farm Primarily Crop	14.3	16.8	12.6
Agricultural Production/Livestock	15.0	15.0	17.6
Beef Cattle Feed Lots	0.4	0.1	0.6
Beef Cattle Except Feed Lots	1.4	1.8	1.7
Dairy Farms	11.2	10.7	12.4
Chicken Eggs	0.0	0.0	0.5
Turkey & Turkey Eggs	0.7	1.0	0.7
Other Livestock	1.3	1.4	1.7
Total Agricultural Services	108.4	143.4	101.0
Soil Preparation Services	1.2	1.5	0.7
Crop Services	26.6	32.2	26.8
Plant Cultivate & Protection	2.2	2.2	3.6
Harvest Primarily by Machine	3.2	2.2	2.6
Preparation Services for Market	20.0	27.1	19.0
Cotton Ginning	1.2	0.7	1.6
Total Farm Labor & Management	80.6	109.7	73.5
Farm Labor Contractors	76.1	106.0	69.6
Farm Management Services	4.5	3.7	3.9

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.41	8.38	8.17
Total Agricultural Production/Crops	8.13	8.08	7.98
Cash Grains	na	8.37	8.12
Rice	na	8.52	8.25
Other Cash Grains	na	8.21	7.98
Field Crops Except Grains	7.89	7.55	7.75
Cotton	8.12	7.60	7.67
Other Field Crops	7.66	7.50	7.83
Vegetables and Melons	8.25	8.22	8.23
Total Fruits and Tree Nuts	8.18	8.15	7.72
Berries	7.60	na	7.30
Grapes	7.84	7.96	8.06
Tree Nuts	8.95	8.53	8.17
Citrus Fruits	8.28	8.40	7.63
Deciduous Tree Fruit	8.04	7.86	7.43
Other Fruits & Nuts	8.38	8.02	7.72
Total Horticultural Specialties	8.20	8.03	7.98
Ornamental Floral & Nursery	8.35	8.27	8.05
Food Crops Grown Under Cover	8.04	7.78	7.90
General Farm Primarily Crop	8.12	8.15	8.08
Agricultural Production/Livestock	8.55	8.48	8.19
Beef Cattle Feed Lots	8.26	8.14	8.27
Beef Cattle Except Feed Lots	8.42	8.45	8.10
Dairy Farms	9.18	8.99	8.80
Chicken Eggs	na	na	7.59
Turkey & Turkey Eggs	8.20	8.20	7.97
Other Livestock	8.70	8.62	8.42
Total Agricultural Services	8.54	8.57	8.35
Soil Preparation Services	8.64	8.63	8.50
Crop Services	8.79	8.81	8.60
Plant Cultivate & Protection	8.67	8.70	8.51
Harvest Primarily by Machine	8.27	8.13	8.18
Preparation Services for Market	8.30	8.48	8.12
Cotton Ginning	9.91	9.93	9.57
Total Farm Labor & Management	8.20	8.28	7.95
Farm Labor Contractors	7.86	8.05	7.69
Farm Management Services	8.53	8.50	8.21

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	21.9	23.7	20.3
Total Agricultural Production/Crops	14.9	17.2	13.1
Cash Grains	1.4	2.3	1.1
Rice	0.8	1.3	0.9
Other Cash Grains	0.6	1.0	0.2
Field Crops Except Grains	0.3	0.3	0.4
Cotton	0.0	0.0	0.0
Other Field Crops	0.3	0.3	0.4
Vegetables and Melons	1.9	2.6	0.6
Total Fruits and Tree Nuts	7.0	7.2	6.4
Berries	0.1	0.1	0.1
Grapes	1.1	1.3	1.0
Tree Nuts	2.0	2.3	2.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	2.7	2.9	2.2
Other Fruits & Nuts	1.1	0.6	0.9
Total Horticultural Specialties	2.3	2.1	2.9
Ornamental Floral & Nursery	2.3	2.1	2.8
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.0	2.7	1.7
Agricultural Production/Livestock	1.7	1.6	1.5
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.6	0.5	0.5
Dairy Farms	0.6	0.6	0.5
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.5	0.5	0.5
Total Agricultural Services	5.3	4.9	5.7
Soil Preparation Services	0.1	0.0	0.1
Crop Services	3.0	2.8	2.1
Plant Cultivate & Protection	0.6	0.5	0.4
Harvest Primarily by Machine	0.1	0.1	0.2
Preparation Services for Market	2.3	2.2	1.5
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.2	2.1	3.5
Farm Labor Contractors	1.9	2.0	3.3
Farm Management Services	0.3	0.1	0.2

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 2002	Sep 2002	Oct 2001
Total Agriculture	8.50	8.42	8.28
Total Agricultural Production/Crops	8.38	8.37	8.08
Cash Grains	8.39	8.30	8.38
Rice	8.51	8.45	8.55
Other Cash Grains	8.27	8.15	8.20
Field Crops Except Grains	8.14	8.15	8.04
Cotton	na	na	na
Other Field Crops	8.14	8.15	8.04
Vegetables and Melons	8.58	8.74	7.92
Total Fruits and Tree Nuts	8.34	8.34	7.95
Berries	8.40	8.47	8.03
Grapes	8.31	8.25	7.93
Tree Nuts	8.41	8.46	7.68
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.23	8.20	7.76
Other Fruits & Nuts	8.36	8.30	8.34
Total Horticultural Specialties	8.39	8.30	8.20
Ornamental Floral & Nursery	8.39	8.30	8.28
Food Crops Grown Under Cover	na	na	8.11
General Farm Primarily Crop	8.41	8.39	7.98
Agricultural Production/Livestock	8.54	8.46	8.37
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.35	8.45	8.23
Dairy Farms	8.92	8.56	8.74
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.34	8.37	8.13
Total Agricultural Services	8.59	8.44	8.41
Soil Preparation Services	8.69	na	8.64
Crop Services	8.59	8.55	8.42
Plant Cultivate & Protection	8.61	8.56	8.71
Harvest Primarily by Machine	8.74	8.70	8.50
Preparation Services for Market	8.41	8.40	8.04
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.50	8.33	8.18
Farm Labor Contractors	8.22	8.15	8.11
Farm Management Services	8.78	8.50	8.24

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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